

**Notice of Allowability**

Application No.

09/867,595

Examiner

Kuen S. Lu

Applicant(s)

BOREHAM ET AL.

Art Unit

2167

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to July 14, 2005.
2. ☒ The allowed claim(s) is/are 1,5,10 and 14-28 (renumbered to 1,2,6-7,11-14,3-5,8-10 and 15-18, respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**MOHAMMAD ALI**  
**PRIMARY EXAMINER**

### **DETAILED ACTION**

After a thorough search and examination of the present application and in light of the prior art made of record, and Responses from the Applicant, Claims 1, 5, 6 and 14-28 are allowed.

1. This communication is responsive to the Amendments, filed on July 14, 2005.
2. The Examiner noted, considered and accepted the Affidavit(s) (Rule 131 or 132) or Exhibit(s), filed on July 14, 2005, which specifically declared the following:

David W. Boreham, Peter Rowley, and Mark C. Smith, conceived the content of the document entitled "Directory Server 5.0 Roles Overview" on or before August 19, 1999;

David W. Boreham wrote the document entitled "Directory Server 5.0 Roles Overview"; and

David W. Boreham, Peter Rowley, and Mark C. Smith, provided the content of pages 39 - 41, 168-173, 178-179, 180-181 (and any other pages that are directed to the subject matter disclosed in Patent Application Serial No. 09/867,595) of iPlanet to Kieran Cross Rowley, the technical writer of iPlanet, to write iPlanet.

***Examiner's Amendments***

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee. Authorization for this Examiner's amendment, listed below, was given in a telephone interview with Mr. Ali Z. Dossa, on August 31, 2005. A copy of the interview summary is also attached.

4. Please replace the claims 1-13 which have been filed on December 22, 2004 with the new versions as shown follows:

1. (Currently Amended) A method of configuring a directory server comprising a plurality of entries, comprising:

creating the plurals of entries in the directory server;

creating a CoS scheme,

wherein the CoS scheme comprises a CoS definition entry and a CoS template entry,

wherein the CoS Definition entry has a CoS specifier and a value for the CoS specifier,

wherein the value of the CoS specifier in the CoS definition entry appears in the at least one of the plurality of entries as a first attribute type,

wherein the value of the first attribute type corresponds to a relative distinguishing name (RDN) of the CoS template entry associated with the CoS definition entry, and wherein the CoS template entry comprises at least one attribute value; and

configuring CoS logic to use the CoS scheme to provide the attribute value to at least one of the plurality of entries,

wherein the at least one of the plurality of target entries is within a scope of a parent of the CoS definition entry, and

wherein the directory server supports a Directory Access Protocol (DAP).

2. (Cancel).

3. (Cancel).

4. (Cancel).

5. (Currently Amended) The method of claim 1, wherein the CoS definition entry comprises a list of attribute types, wherein the values associated with the list of attribute types are provided by the CoS scheme using the CoS template en

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Currently Amended) An apparatus comprising:

a directory server comprising:

a plurality of target entries;

a CoS scheme,

wherein the CoS scheme comprises a CoS definition entry and a CoS template entry,

wherein the CoS Definition entry has a CoS specifier and a value for the CoS specifier,

wherein the value of the CoS specifier in the CoS definition entry appears in the at least one of the plurality of entries as a first attribute type,

wherein the value of the first attribute type corresponds to a relative distinguishing name (RDN) of the CoS template entry associated with the CoS definition entry, and

wherein the CoS template entry comprises at least one attribute value; and

CoS logic configured to use the CoS scheme to provide the attribute value to at least one of the plurality of target entries,

wherein the at least one of the plurality of target entries is within a scope of a parent of the CoS definition entry, and

wherein the directory server supports a Directory Access Protocol (DAPS).

11. (Cancel).

12. (Cancel).

13. (Cancel).

***Reason for Allowable***

5. The following is the Examiner's statement of reasons for allowance:

The prior art of record, iPlanet Directory Server Administrator's Guide (Version 5.0, April 2001, Sun Microsystems, Inc., hereafter "iPlanet"), has been utilized as the main prior art to reject the claimed subject matter in earlier Office Actions since October 27, 2003. During the year of 2004, the Applicant filed Affidavits/Declarations under 37 CFR 1.131 for declaring the claimed subject matter of Application of 09/867508 was conceived prior to the iPlanet reference. However, the Affidavits/Declarations have been ruled ineffective.

The new Affidavit(s) (Rule 131 or 132) or Exhibit(s) was filed on August 4, 2005, in which the Applicant declared the inventors are the effective author of the portions of iPlanet reference which were utilized by the Examiner for claims rejections. The Affidavit(s) has been considered and accepted. Accordingly, the Affidavit(s) has overcome the Examiner's rejections based on the iPlanet reference.

In light of Applicant's new Affidavits, the prior arts in domains (EAST, NPL-ACM, Google, NPL-IEEE, etc) searches have been updated. The prior arts searched and investigated in domains (EAST, NPL-ACM, Google, NPL-IEEE, etc) do not fairly teach or suggest the teaching of the following limitations of each of the following independent Claims 1, 10 and 15:

a CoS scheme, wherein the CoS scheme comprises a CoS definition entry and a CoS template entry,

wherein the CoS Definition entry has a CoS specifier and a value for the CoS specifier, wherein the value of the CoS specifier in the CoS definition entry appears in the at least one of the plurality of entries as a first attribute type,

wherein the value of the first attribute type corresponds to a relative distinguishing name (RDN) of the CoS template entry associated with the CoS definition entry, and wherein the CoS template entry comprises at least one attribute value; and configuring CoS logic to use the CoS scheme to provide the attribute value to at least one of the plurality of entries,

wherein the at least one of the plurality of target entries is within a scope of a parent of the CoS definition entry, and wherein the directory server supports a Directory Access Protocol (DAP).

The dependent Claims (2-5 and 19-21), (11-14 and 22-24) and (15-18 and 25-28), depending claims 1, 10 and 15, respectively, also distinct from the prior art for the same reason.

Any comments considered necessary by Applicants must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

**6.** Any comments considered necessary by Applicants must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

**Contact Information**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kuen S. Lu whose telephone number is (571) 272-4114. The examiner can normally be reached on Monday-Friday (8:00 am-5:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kuen S. Lu



Patent Examiner

September 1, 2005



Mohammad Ali

Primary Examiner

September 1, 2005